

2008 Integrated Safety Management Workshop — INL Mission



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Idaho National Laboratory

Develop world-class nuclear energy capability



Foster education, research, industry, government and international collaborations to produce the needed investment, programs and expertise



Become the Preeminent Internationally-Recognized Nuclear Energy RD&D Laboratory



Become a major center for national and homeland security technology RD&D



Become a leading clean energy RD&D laboratory and a regional resource

The U.S. National Nuclear Laboratory with Multi-Program Capabilities

Research — Development — *Demonstration* — Deployment

Idaho Cleanup Project

■ Cleanup focuses on 5 major facilities

- Idaho Nuclear Technology and Engineering Center (**INTEC**)
- Radioactive Waste Management Complex (**RWMC**)
- Test Area North (**TAN**)
- Reactor Technology Complex (**RTC**)
- Power Burst Facility (**PBF**)

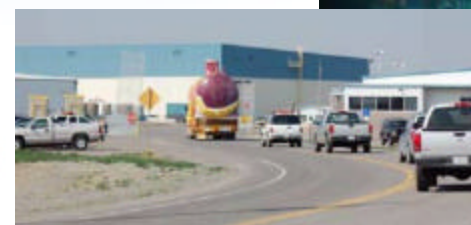


Mission

The Idaho Cleanup Project involves the safe, environmental cleanup of the Idaho National Laboratory site



Safety-First Culture



Advanced Mixed Waste Treatment Project

Mission—*AMWTP is committed to safely and compliantly retrieve, characterize, process and package 65,000 cubic meters of transuranic nuclear waste and mixed low level waste for shipment to permanent disposal sites outside of Idaho*

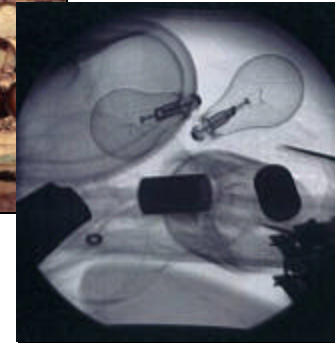
Waste Storage & Retrieval

Characterization

Treatment Facility

Supercompactor

Loading & Shipping



Performing Safe, Compliant Operations



Idaho National Laboratory — Key Programs

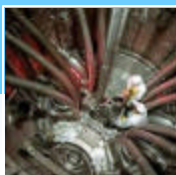
4015 People—Our Most Important Capability
\$740 Million in Business, FY07

Programs of National Importance

Nuclear Energy

- ▶ Global Nuclear Energy Partnership (GNEP)
- ▶ Next Generation Nuclear Plant (NGNP)
- ▶ ATR National Scientific User Facility
- ▶ Space Nuclear

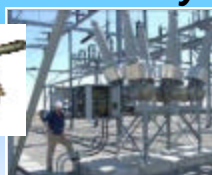
U.S. National Nuclear Laboratory, and an International leader



National & Homeland Security

- ▶ Supervisory Control and Data Acquisition (SCADA) Work
- ▶ Grid Reliability and Security
- ▶ Cyber Security
- ▶ Wireless Communications
- ▶ Nuclear Nonproliferation
- ▶ Armor, Explosive Blast Protection

A leader in critical infrastructure protection and homeland security



Energy & Environment

- ▶ Clean Energy and Water
- ▶ Bio-fuels and Synfuels
- ▶ Battery Technology
- ▶ Non-traditional Hydrocarbon use

A leader in developing solutions to energy, resources and infrastructure challenges in the State, Region and Nation



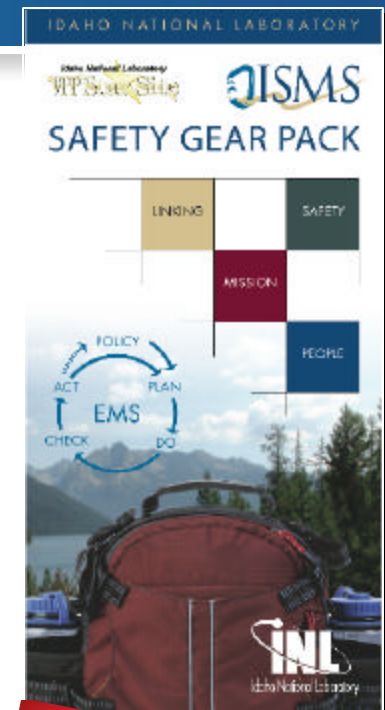
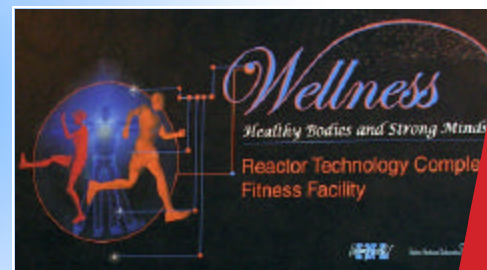
Technologies that Benefit Our Communities, State, Region and Country



INL Mission Success and ISM

■ INL Approach

- Employee involvement
- Behavior Based practices, SOAR
- Human performance
- Fitness for duty
- Safety 24/7, taking safety home
- Strong Leadership and Management



Values — Attitudes — Behaviors